

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041119AL\
 Data File : FD028833.D
 Signal(s) : FID2B.CH
 Acq On : 11 Apr 2019 20:31
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 12 06:28:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 04:15:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.002	2789985	19.383 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
12) S 1-chlorooctadecane (S...	12.423	2177916	18.659 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
Target Compounds			
1) T n-Nonane (C9)	2.851	2125113	22.029 ug/ml
2) T n-Decane (C10)	3.870	2207289	22.153 ug/ml
3) T A~Naphthalene (C11.7)	5.443	2446706	21.909 ug/ml
4) T n-Dodecane (C12)	5.862	2243285	22.005 ug/ml
5) T A~2-methylnaphthalene...	6.491	2468485	21.751 ug/ml
6) T n-Tetradecane (C14)	7.650	2283373	21.459 ug/ml
7) T n-Hexadecane (C16)	9.243	2285733	20.548 ug/ml
8) T n-Octadecane (C18)	10.677	2265522	19.566 ug/ml
10) T n-Eicosane (C20)	11.979	2243126	18.987 ug/ml
11) T n-Heneicosane (C21)	12.587	2207991	18.753 ug/ml
13) T n-Docosane (C22)	13.169	2200512	18.637 ug/ml
14) T n-Tetracosane (C24)	14.265	2175062	18.633 ug/ml
15) T n-Hexacosane (C26)	15.280	2150022	18.850 ug/ml
16) T n-Octacosane (C28)	16.223	2184834	19.443 ug/ml
17) T n-Tricontane (C30)	17.104	2170824	20.171 ug/ml
18) T n-Dotriacontane (C32)	17.929	2092685	20.645 ug/ml
19) T n-Tetratriacontane (C34)	18.733	1839076	21.034 ug/ml
20) T n-Hexatriacontane (C36)	19.726	1631062	21.198 ug/ml
21) T n-Octatriacontane (C38)	21.068	1538499	21.436 ug/ml
22) T n-Tetracontane (C40)	22.931	1509839	21.306 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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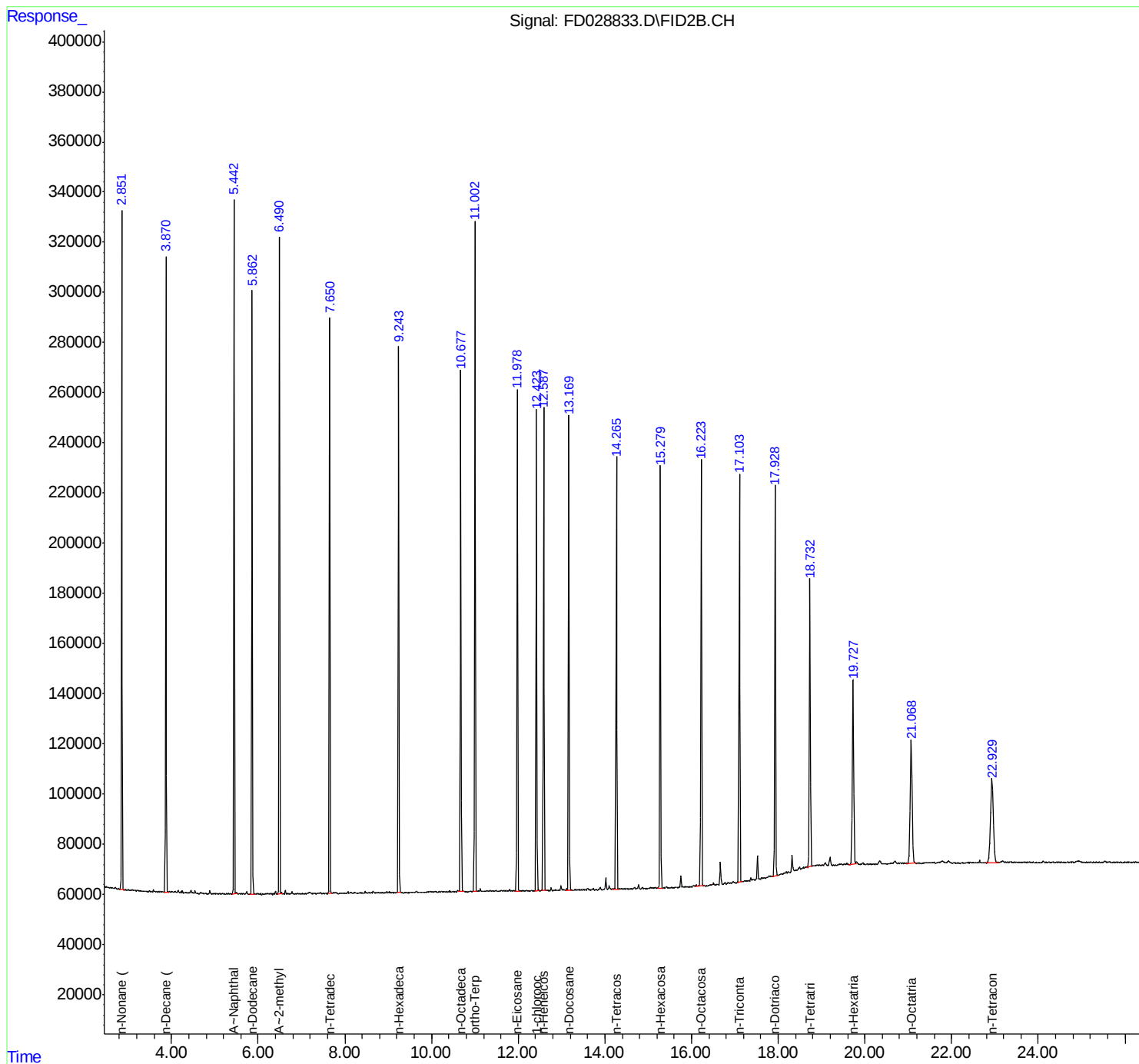
Response via : Initial Calibration

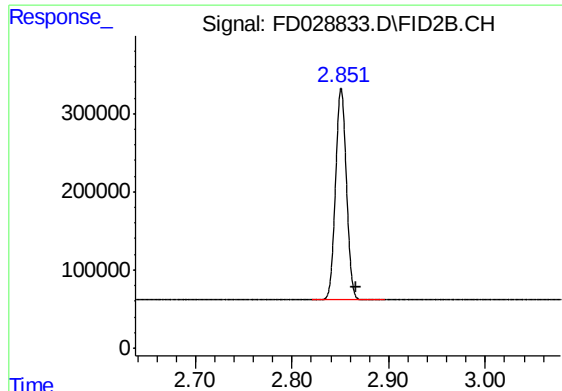
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Signal Phase : Rxi-1ms

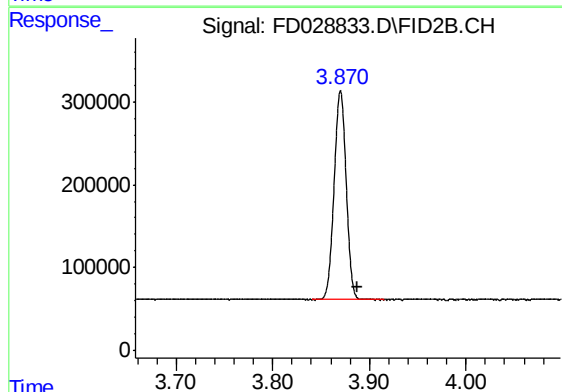
Signal Info : 20M x 0.18mm x 0.18um





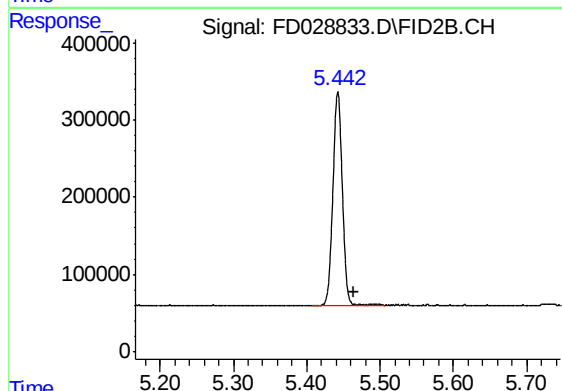
#1 n-Nonane (C9)

R.T.: 2.851 min
Delta R.T.: -0.016 min
Response: 2125113
Conc: 22.03 ug/ml



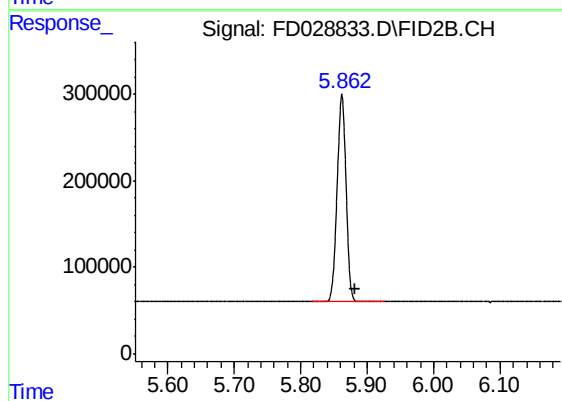
#2 n-Decane (C10)

R.T.: 3.870 min
Delta R.T.: -0.018 min
Response: 2207289
Conc: 22.15 ug/ml



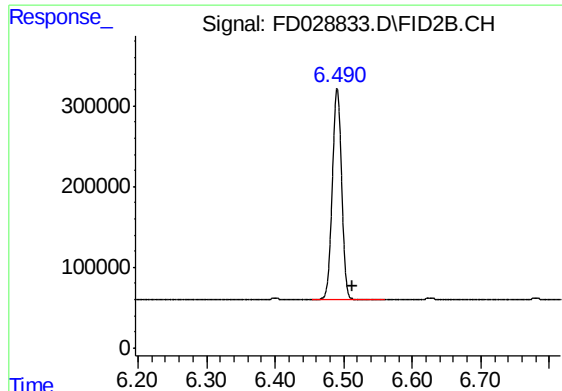
#3 A~Naphthalene (C11.7)

R.T.: 5.443 min
Delta R.T.: -0.022 min
Response: 2446706
Conc: 21.91 ug/ml



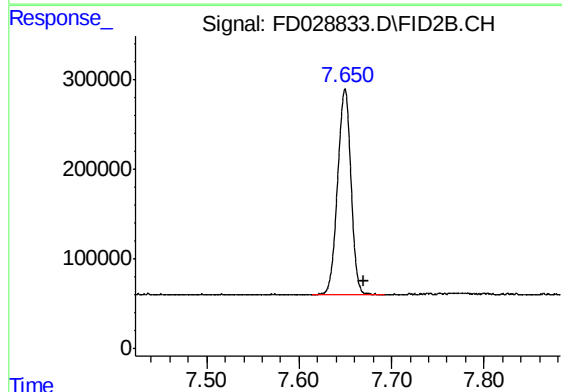
#4 n-Dodecane (C12)

R.T.: 5.862 min
Delta R.T.: -0.019 min
Response: 2243285
Conc: 22.00 ug/ml



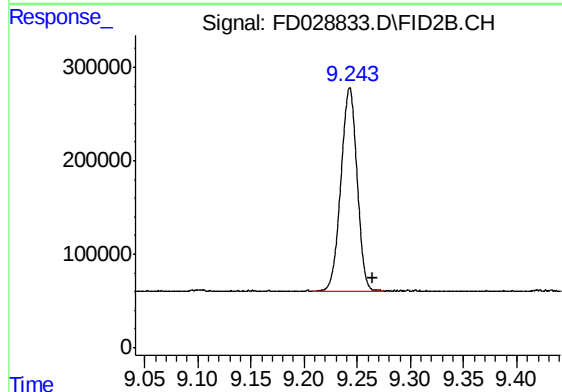
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.491 min
Delta R.T.: -0.022 min
Response: 2468485
Conc: 21.75 ug/ml



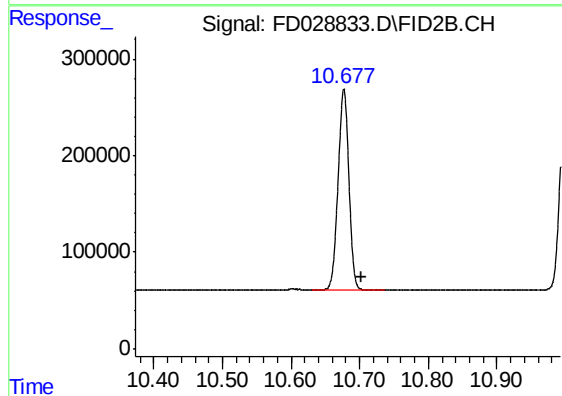
#6 n-Tetradecane (C14)

R.T.: 7.650 min
Delta R.T.: -0.021 min
Response: 2283373
Conc: 21.46 ug/ml



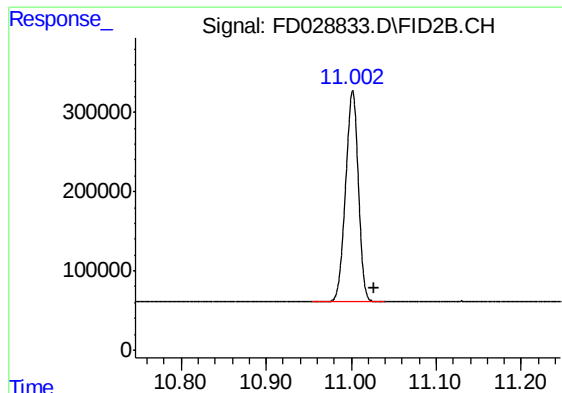
#7 n-Hexadecane (C16)

R.T.: 9.243 min
Delta R.T.: -0.022 min
Response: 2285733
Conc: 20.55 ug/ml



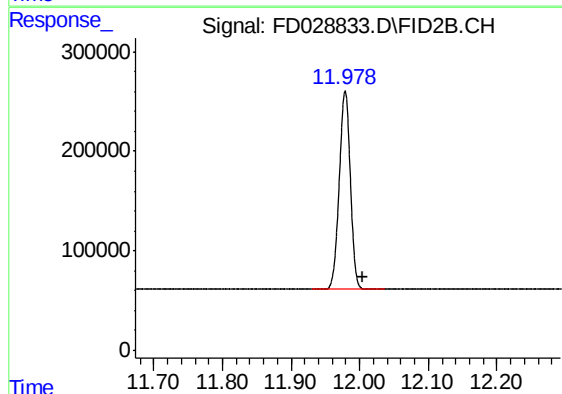
#8 n-Octadecane (C18)

R.T.: 10.677 min
Delta R.T.: -0.025 min
Response: 2265522
Conc: 19.57 ug/ml



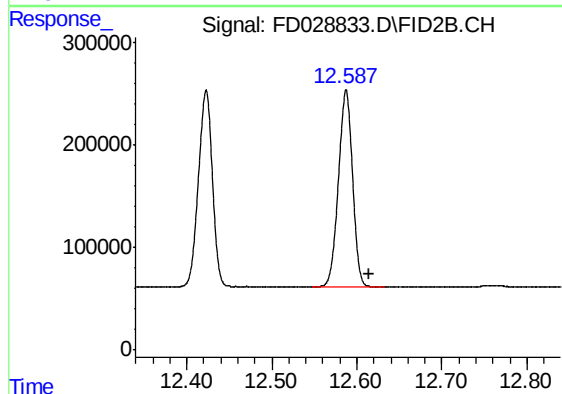
#9 ortho-Terphenyl (SURR)

R.T.: 11.002 min
Delta R.T.: -0.026 min
Response: 2789985
Conc: 19.38 ug/ml



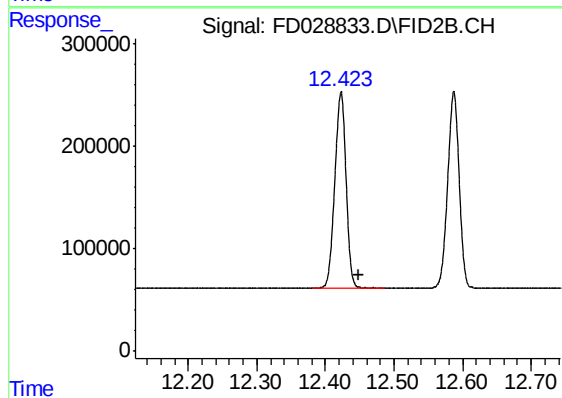
#10 n-Eicosane (C20)

R.T.: 11.979 min
Delta R.T.: -0.026 min
Response: 2243126
Conc: 18.99 ug/ml



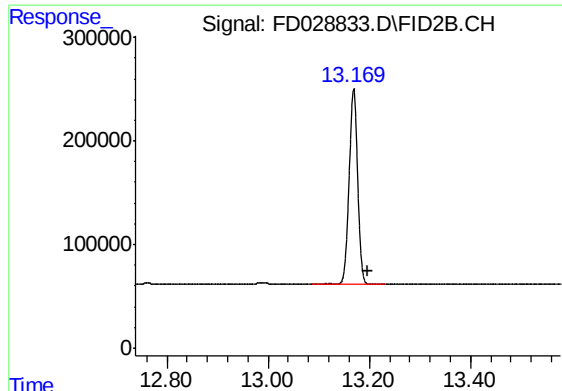
#11 n-Heneicosane (C21)

R.T.: 12.587 min
Delta R.T.: -0.027 min
Response: 2207991
Conc: 18.75 ug/ml



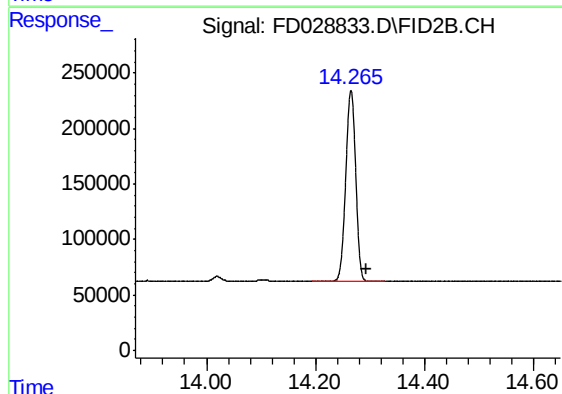
#12 1-chlorooctadecane (SURR)

R.T.: 12.423 min
Delta R.T.: -0.027 min
Response: 2177916
Conc: 18.66 ug/ml



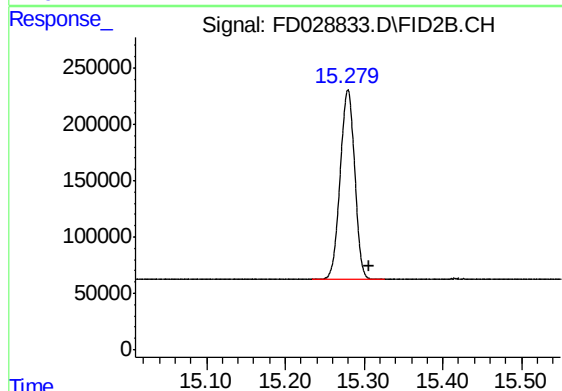
#13 n-Docosane (C22)

R.T.: 13.169 min
Delta R.T.: -0.028 min
Response: 2200512
Conc: 18.64 ug/ml



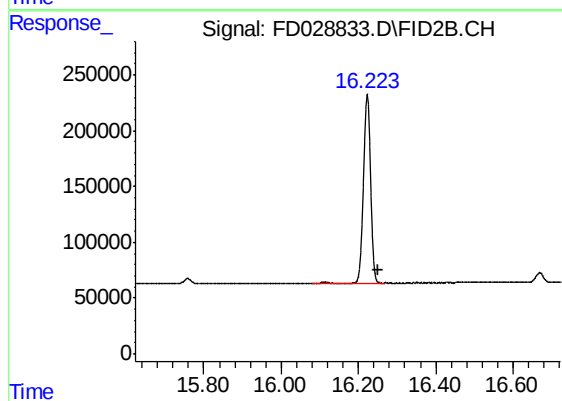
#14 n-Tetracosane (C24)

R.T.: 14.265 min
Delta R.T.: -0.027 min
Response: 2175062
Conc: 18.63 ug/ml



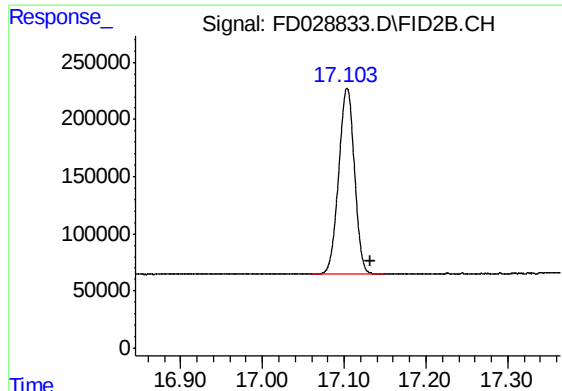
#15 n-Hexacosane (C26)

R.T.: 15.280 min
Delta R.T.: -0.027 min
Response: 2150022
Conc: 18.85 ug/ml



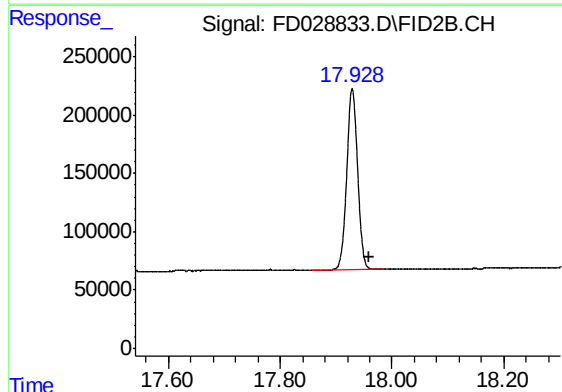
#16 n-Octacosane (C28)

R.T.: 16.223 min
Delta R.T.: -0.028 min
Response: 2184834
Conc: 19.44 ug/ml



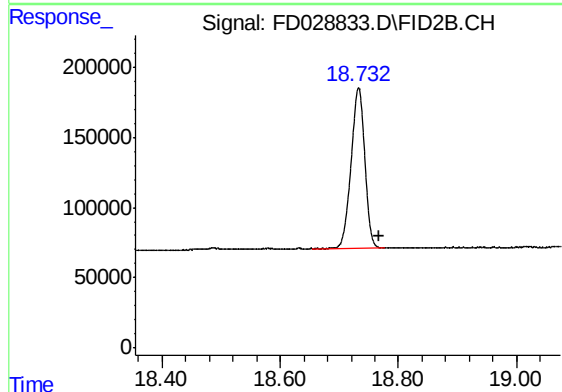
#17 n-Tricontane (C30)

R.T.: 17.104 min
Delta R.T.: -0.029 min
Response: 2170824
Conc: 20.17 ug/ml



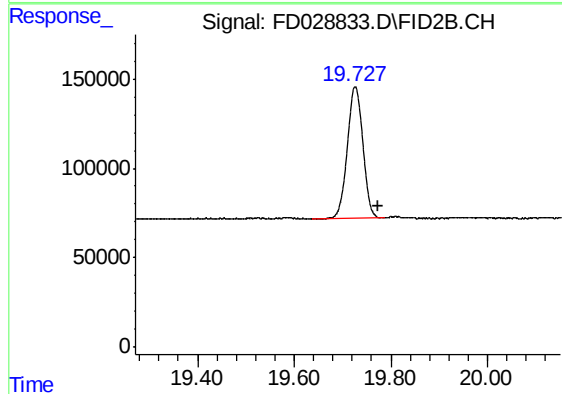
#18 n-Dotriacontane (C32)

R.T.: 17.929 min
Delta R.T.: -0.030 min
Response: 2092685
Conc: 20.65 ug/ml



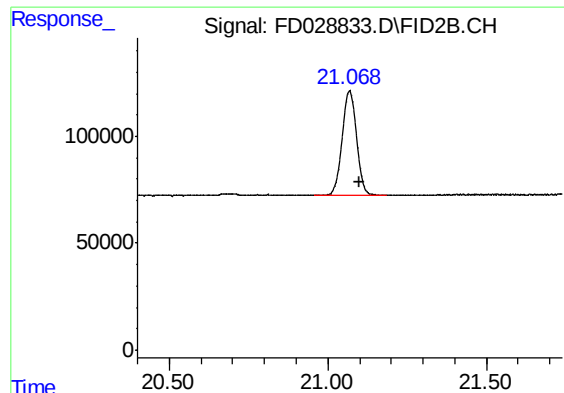
#19 n-Tetatriacontane (C34)

R.T.: 18.733 min
Delta R.T.: -0.034 min
Response: 1839076
Conc: 21.03 ug/ml



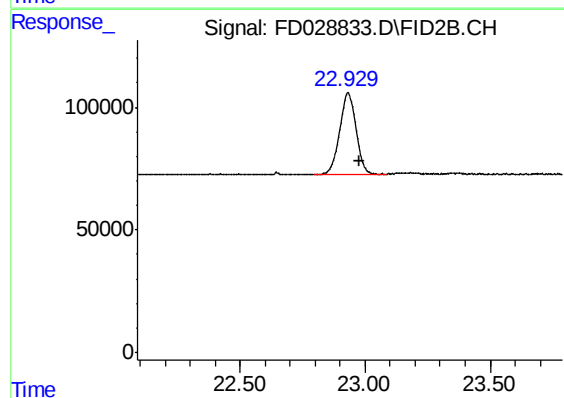
#20 n-Hexatriacontane (C36)

R.T.: 19.726 min
Delta R.T.: -0.047 min
Response: 1631062
Conc: 21.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.068 min
Delta R.T.: -0.032 min
Response: 1538499
Conc: 21.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.931 min
Delta R.T.: -0.049 min
Response: 1509839
Conc: 21.31 ug/ml